**INOflex® CFRP-AIR MANDREL**

The INOflex® CFRP air mandrels stand for the highest performance in the flexographic printing. In combination with the INOflex® CFRP bridge adapters, they will secure a stable and profitable printing process. Machine vibrations force the printer to maintain or even reduce the operating speeds. With our INOflex® CFRP air mandrel, precise print results can be attained even at high speeds, the number of readjustments minimized, and the options your machine offers fully utilized.

### Application
- For adapters and plate mounting sleeves in all common sizes, face length and for all printing machines

### Diameter Accuracy
- OEM specification
- According to DFTA recommendation (0 / +0.015 mm)
- Customer-specific

### Form and Position Tolerances
- OEM specification
- According to DFTA recommendation
- Customer-specific

### Air Quantity
- ≥ 12 liters/sec
- 6–8 bar compressed air

### Air Supply
- OEM specification
- According to DFTA recommendation
- Customer-specific
- Optional ball valves

### Temperatures
- Applications up to 60° C

### Surface
- PROTEK® 3340, composite coating
- Complies with the ATEX 2014/34/EU
- Rz 4–8 µm

### Cleaning
- For cleaning, we recommend BioClean 2000 from our INOcare product range
- Resistant to conventional solvents from the flexographic printing

### Characteristics at a Glance
- Significant weight reduction, and a superior rigidity at the same time
- Excellent damping properties and reduction of vibrations
- Reduction of the deformation, and thus a significantly stiffer overall system
- Precise print results, particularly at high speeds

In conjunction with the optimized CFRP laminate structure this provides the minimal total degree of deformation.

Integrated damping system in order to reduce vibrations

Full utilization of the machines performance

Stand: 08/2018